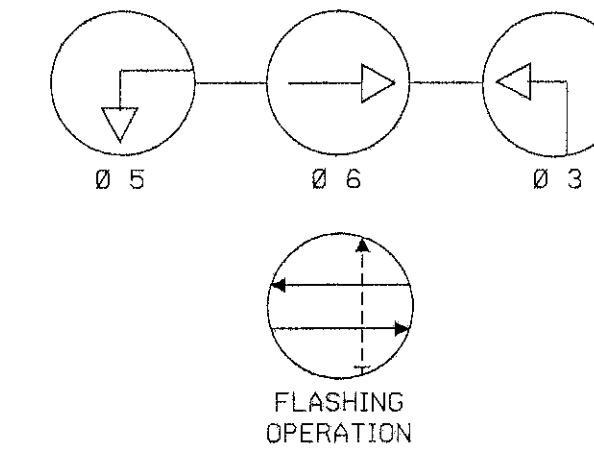
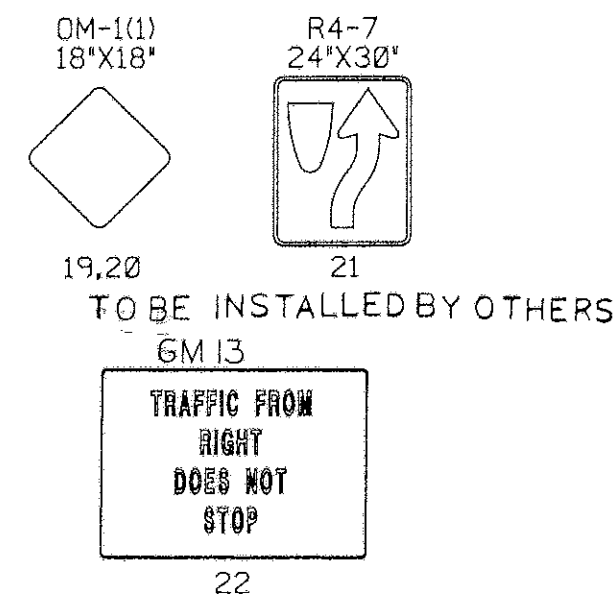
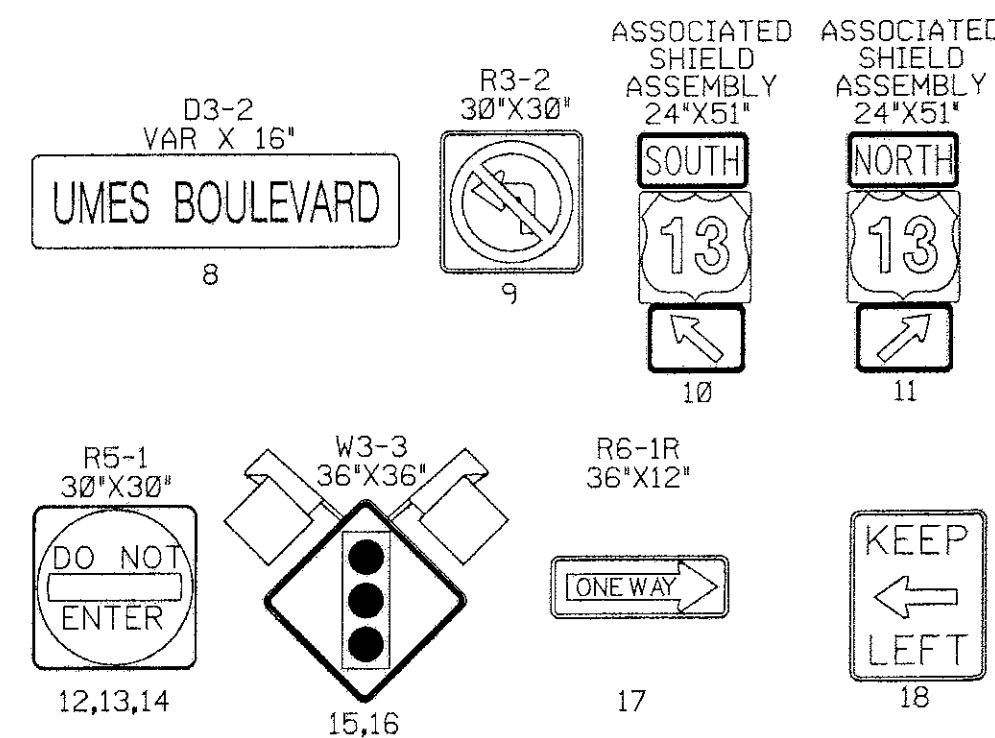


## NEMA PHASING

US ROUTE 13 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION .



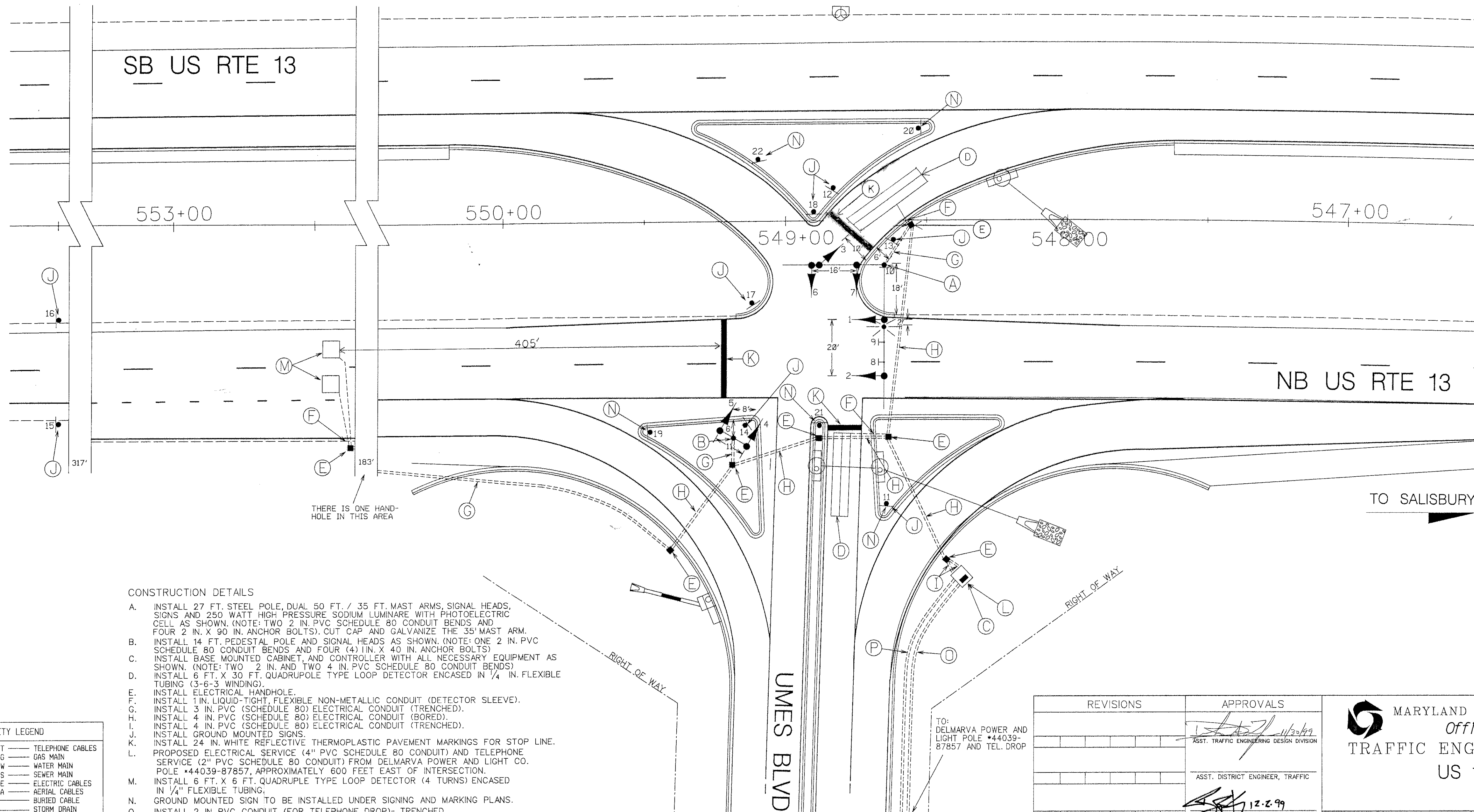
GENERAL NOTE:

1. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES CAN BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER.

PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

TO POKOMOKE CITY





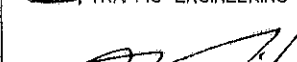
## CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL POLE, DUAL 50 FT. / 35 FT. WAST ARMS, SIGNAL HEADS, SIGNS AND 250 WATT HIGH PRESSURE SODIUM LUMINAIRE WITH PHOTOELECTRIC CELL AS SHOWN. (NOTE: TWO 2 IN. PVC SCHEDULE 80 CONDUIT BENDS AND FOUR 2 IN. X 90 IN. ANCHOR BOLTS). CUT CAP AND GALVANIZE THE 35' WAST ARM.
- B. INSTALL 14 FT. PEDESTAL POLE AND SIGNAL HEADS AS SHOWN. (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BENDS AND FOUR (4) IN. X 40 IN. ANCHOR BOLTS)
- C. INSTALL BASE MOUNTED CABINET, AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AS SHOWN. (NOTE: TWO 2 IN. PVC SCHEDULE 80 CONDUIT BENDS AND TWO 4 IN. PVC SCHEDULE 80 CONDUIT BENDS)
- D. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING).
- E. INSTALL ELECTRICAL HANDHOLE.
- F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR SLEEVE).
- G. INSTALL 3 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- H. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT (BORED).
- I. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED).
- J. INSTALL GROUND MOUNTED SIGNS.
- K. INSTALL 24 IN. WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR STOP LINE.
- L. PROPOSED ELECTRICAL SERVICE (4" PVC SCHEDULE 80 CONDUIT) AND TELEPHONE SERVICE (2" PVC SCHEDULE 40) TO BE RUN FROM DELMARVA POWER AND LIGHT CO. POLE #44039-87857 APPROXIMATELY 600 FEET EAST OF INTERSECTION.
- M. INSTALL 6 FT. X 6 FT. QUADRUPOLE TYPE LOOP DETECTOR (4 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.
- N. GROUND MOUNTED SIGN TO BE INSTALLED UNDER SIGNING AND MARKING PLANS.
- O. INSTALL 2 IN. PVC CONDUIT (FOR TELEPHONE DROP)- TRENCHED
- P. INSTALL 4 IN. PVC (SCHEDULE 80) ELECTRICAL CONDUIT (TRENCHED) TO DELMARVA POWER AND LIGHT POLE #44039-87857. INSTALL 1 CONDUCTOR (NO. 4 A.W.G) ELECTRICAL CABLE WITH AN EXTRA 50 FOOT FOR SERVICE FEED CONNECTION.

UTILITY LEGEND		
— T —	— T —	TELEPHONE CABLES
— W —	— G —	GAS MAIN
— S —	— W —	WATER MAIN
— C —	— S —	SEWER MAIN
— E —	— E —	ELECTRIC CABLES
— A —	— A —	AERIAL CABLES
— BC —	— —	BURIED CABLE
— SD —	— —	STORM DRAIN

GEOMETRIC LEGEND	
— — — — —	EXISTING GEOMETRICS
- - - - -	PROPOSED GEOMETRICS

REVISIONS										APPROVALS									
										 11/23/14 ASST. TRAFFIC ENGINEERING DESIGN DIVISION									
										ASST. DISTRICT ENGINEER, TRAFFIC									
										 12.2.99 ASST. TRAFFIC ENGINEERING DESIGN DIVISION									
										 1/6/00 DIRECTOR, TRAFFIC & SAFETY									



 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
*Office of Traffic & Safety*  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 13 AT UMES BLVD  
SIGNAL PLAN

DRAWN BY: <u>SRM</u>	F.A.P. NO. <u>SEE TITLE SHEET</u>	TS NO. <u>3952</u>	SHEET NO. <u>82</u> OF <u>109</u>
CHECKED BY: <u>ME</u>	S.H.A. NO. <u>S03655171</u>		
SCALE: <u>1"=20'</u>	COUNTY: <u>SOMERSET</u>	T.I.M.S. NO.	
DATE: <u>11-99</u>	LOG MILE:		

